

1894



CATALOGUE



BUFFALO TRICYCLE CO.

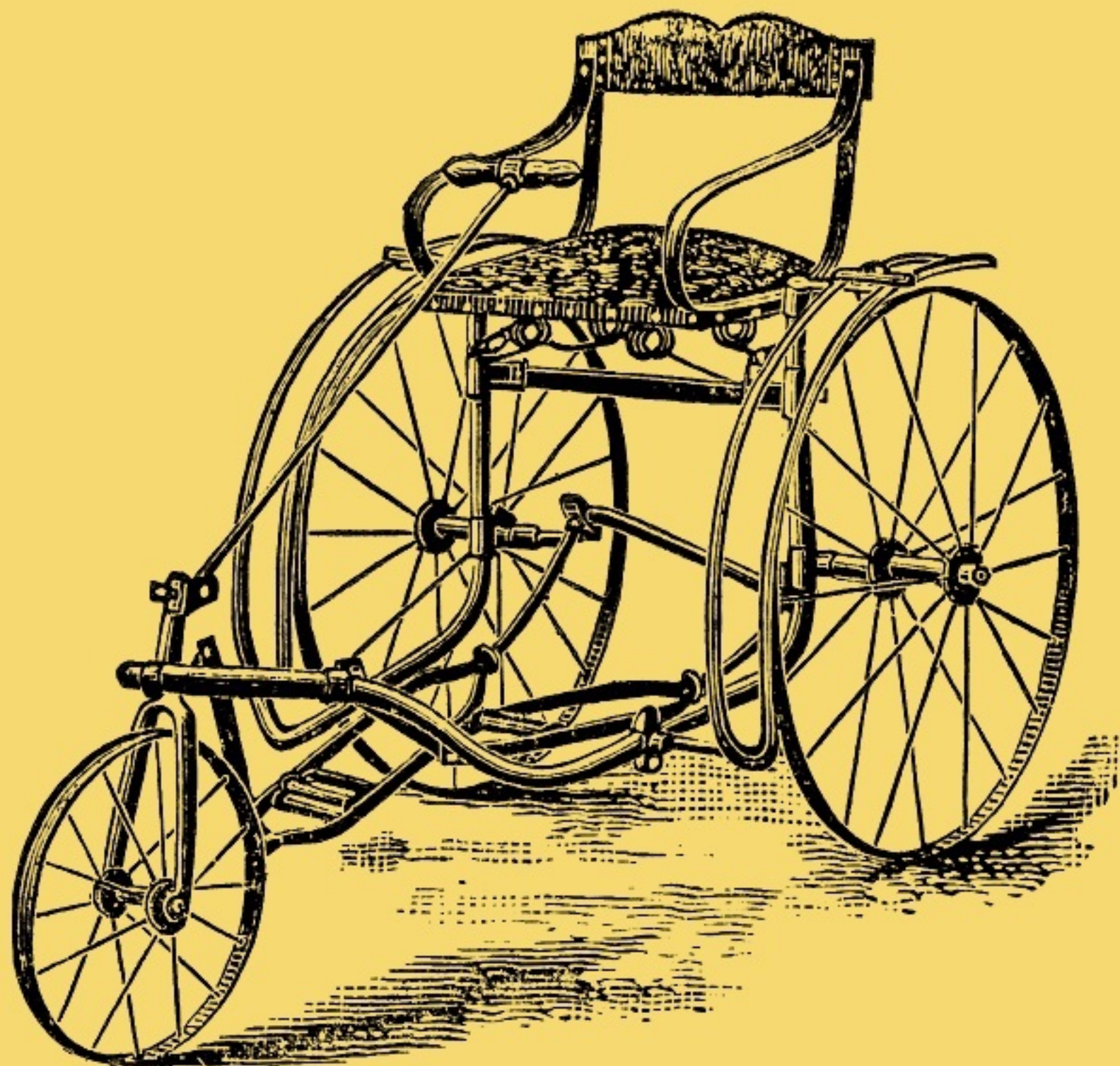
640

Linwood Ave.

BUFFALO, N. Y.



1894



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INTRODUCTORY.

We once more have the pleasure of submitting our Annual Catalogue for your inspection, and beg to thank our patrons for their liberality and the kindly expressions with which they have favored us during the past season, and express a hope that they may be with us throughout another busy and mutually profitable year.

Our product for 1894 comprises our FLEETWING, ENVOY and ENVOY SCORCHER Bicycles, which are greatly improved in material and workmanship over 1893 production, and are bound to prove rapid as well as satisfactory sellers. ROLLED THREADS upon our Bicycle Spokes having proven an unbounded success during last season, we will continue their use for 1894, upon the double butt and swaged spokes which enter into construction of all our wheels.

We are introducing this season our ENVOY SCORCHER, a wheel designed for scorching purposes and unquestionably the peer of anything upon the market at the price. We have introduced many improvements, but cannot enumerate them here, and must refer you to specifications in Catalogue.

We still manufacture the GEM TRICYCLE, of which we have made thousands, and which is conceded to be the most popular Tricycle on the market.

ATHERTON & FUNNELL.

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DIRECTIONS.

TERMS, net cash with order.

NO DISCOUNT allowed except to regularly appointed agents.

FREIGHT AND EXPRESS charges always to be paid by purchaser.

REMIT by New York draft or Post-office money order.

WE DO NOT guarantee the safe delivery of goods. Our responsibility ceases upon delivery to FREIGHT or EXPRESS company.

GUARANTEE.

WE WARRANT our bicycles against imperfection in material and workmanship and agree to make good or replace at our factory any defective part not caused by misuse or neglect within one year from date of purchase. Such claims should come through the agent from whom the machine was purchased, when possible. When referred to us direct, the part must be mailed or sent, EXPRESS PREPAID, for examination before the claim will be allowed. Parts forwarded without prepayment of transportation charges will be refused.

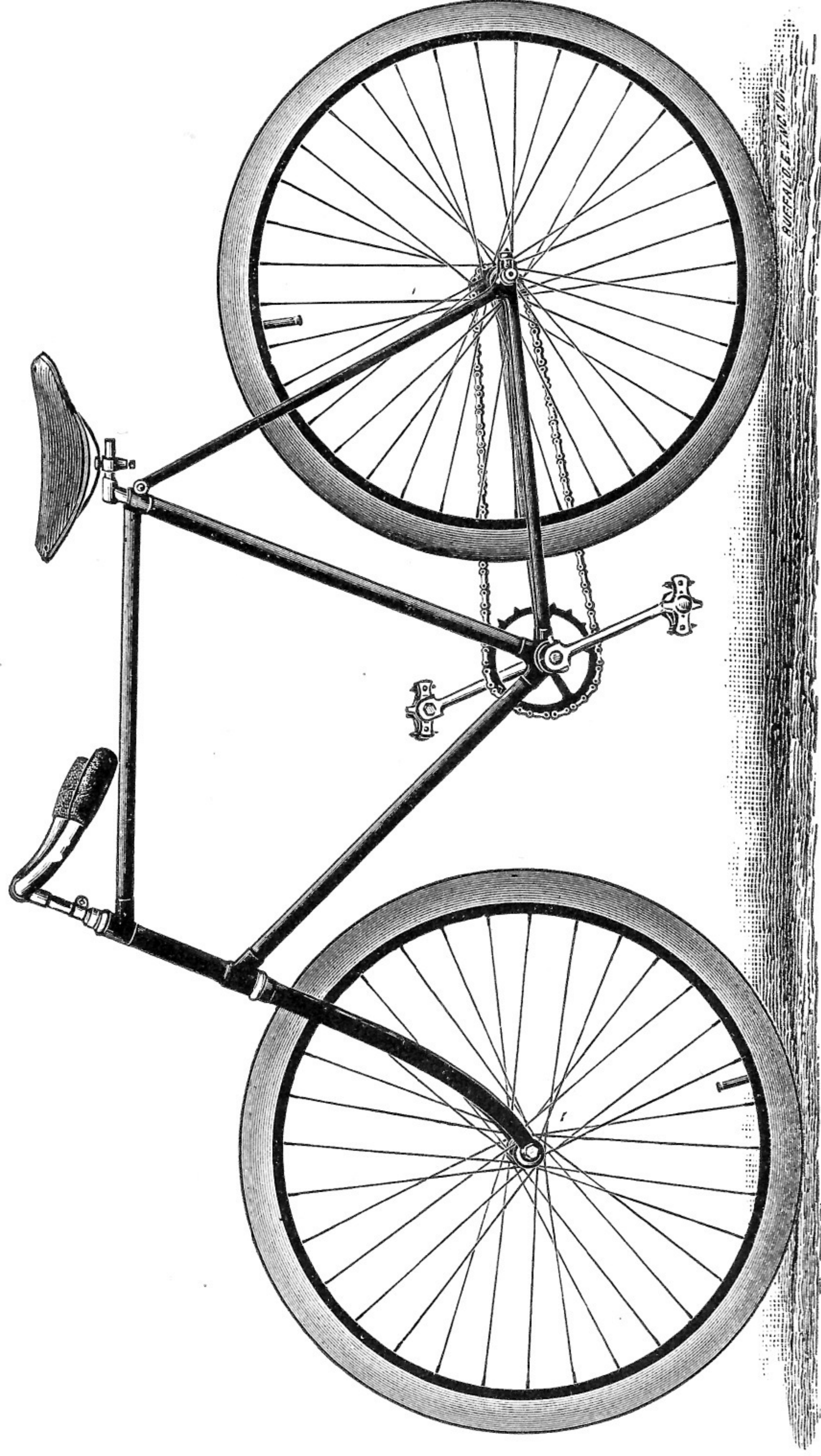
TIRE GUARANTEE.

WE GUARANTEE our tires only so far as the same are guaranteed to us by the tire manufacturer. In this connection we would refer you to form of guarantee published by Messrs. Morgan & Wright, together with suggestion contained therein that all defective tires of their make be referred to them direct instead of to bicycle manufacturer. We reproduce this form in our catalogue for your inspection.

WOOD RIMS.

UNTIL WOOD RIMS have been used a greater length of time we prefer to express no opinion, but let our patrons decide for themselves as to the desirability of ordering their wheels fitted in this way.

ENVOY SCORCHER.



PRICE, \$100.00.

Wood Rims, \$2.50 extra NET. G. & J. Tires (steel rims), \$6.00 extra NET.

ENVOY SCORCHER.

Our ENVOY SCORCHER is placed upon the market this season for the first time and is designed to fill a long-felt want. It is without doubt the lightest and most durable bicycle yet produced for the money, and is a wheel that any rider will feel proud to own. It is made with HIGH CENTER diamond frame, from finest quality seamless steel tubing, and with head of popular length. See cut on opposite page. Bearings are dust proof and first-class in every respect, and as special attention will be paid to finish, the ENVOY SCORCHER will be a beauty. For further information we refer you to our specifications below.

BRIEF.

WHEELS,	. .	28 inches diameter front and rear.
RIMS,	. .	Steel, ENAMELED, or WOOD upon special order.
TIRES,	. .	Morgan & Wright pneumatics.
SPOKES,	. .	Double Butt, Swaged, NICKELED. 32 front, 36 rear. ROLLED THREAD, Brass Nipples, NICKELED.
WHEEL BASE,		43½ inches.
GEAR,	. .	63 inches. Higher or lower if desired.
CHAIN,	. .	1-inch pitch, ⅜-inch wide, HARDENED.
CRANKS,	. .	6½ inches.
PEDALS,	. .	Dust proof. Rubber or Rat Trap.
HEAD,	. .	8½ inches between centers.
BEARINGS,	. .	Dust proof and first-class.
HANDLE BAR,		Dropped and curved. Cork-Rubber Grips.
SADDLE,	. .	Garford, Solid Comfort, etc.
FINISH,	. .	Black Enamel and Nickel Plate, both of finest quality.
WEIGHT,	. .	28½ lbs. with Steel Rims. Wood Rims proportionately lower.

FLEETWING.



— PRICE. —

24-inch. Pneumatic Tires, \$60.00. 26-inch. Pneumatic Tires, \$75.00. 28-inch. Pneumatic Tires, \$90.00.

Wood Rims, \$2.50 extra NET. G. & J. Tires (steel rims), \$6.00 extra NET. Cushion Tires furnished upon special order and listing \$5.00 lower.

FLEETWING.

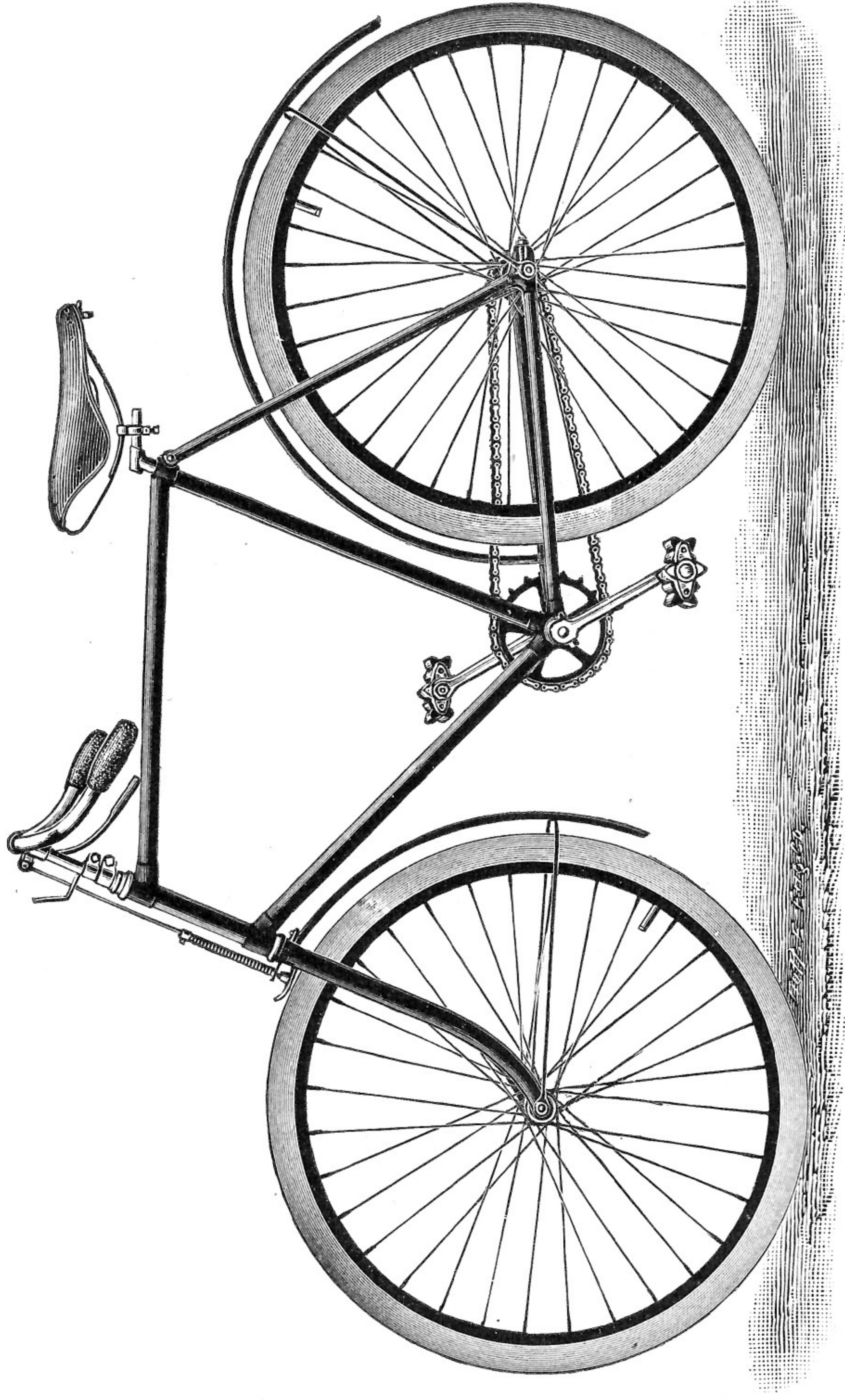
Recognizing the importance of providing a wheel for ladies' use much lighter than has been done heretofore, we have adopted an entirely new style of frame in this season's make of FLEETWING BICYCLES ; and, not wishing to sacrifice strength to extreme lightness, have constructed them of one-inch seamless steel tube, finest quality, running in a straight line from bottom bracket to lower head with a $\frac{3}{4}$ -inch tube of same quality gracefully curved from upper head to a point on seat-post tube about four inches from lower bracket. Seat-post tube and rear tubes also of finest quality. We make this wheel (of same design) in three sizes, 24, 26 and 28-inch wheels front and rear, all fitted with mud guards and proper lacing to protect the clothing.

Our Fleetwings are a very rigid wheel, entirely up to date in every respect, and in beauty of line and finish inferior to none. For details of construction, see below.

BRIEF.

WHEELS,	. . .	24, 26 or 28-inch front and rear.
RIMS,	. . .	Steel, ENAMELED, or WOOD upon special order.
TIRES,	. . .	Morgan & Wright pneumatics.
SPOKES,	. . .	Double Butt, Swaged, NICKELED. ROLLED THREAD, Brass Nipples, NICKELED.
WHEEL BASE,		43½ inches for 28-inch size. Others proportionate.
GEAR,	. . .	48 to 56 inches, according to size of wheels. Higher or lower if desired.
CHAIN,	. . .	1-inch pitch, $\frac{3}{8}$ -inch wide, HARDENED.
CRANKS,	. . .	5½ to 6½ inches.
PEDALS,	. . .	Dust proof. Rubber or Rat Trap.
HEAD,	. . .	8½ inches between centers.
BEARINGS,	. . .	Dust proof and first-class.
HANDLE BAR,		Popular style for ladies' wheels. Cork-Rubber Grips.
SADDLE,	. . .	Garford, Solid Comfort, etc.
FINISH,	. . .	Black Enamel and Nickel Plate, both of finest quality.
WEIGHT,	. . .	33 lbs. for 28-inch size. Others proportionate.

ENVOY.



— PRICE. —

26-inch. Pneumatic Tires, \$75.00. 28-inch. Pneumatic Tires, \$90.00. 30-inch. Pneumatic Tires, \$100.00.

Wood Rims, \$2.50 extra NET. G. & J. Tires (steel rims) \$6.00 extra NET. Cushion Tires furnished upon special order and listing \$5.00 lower.

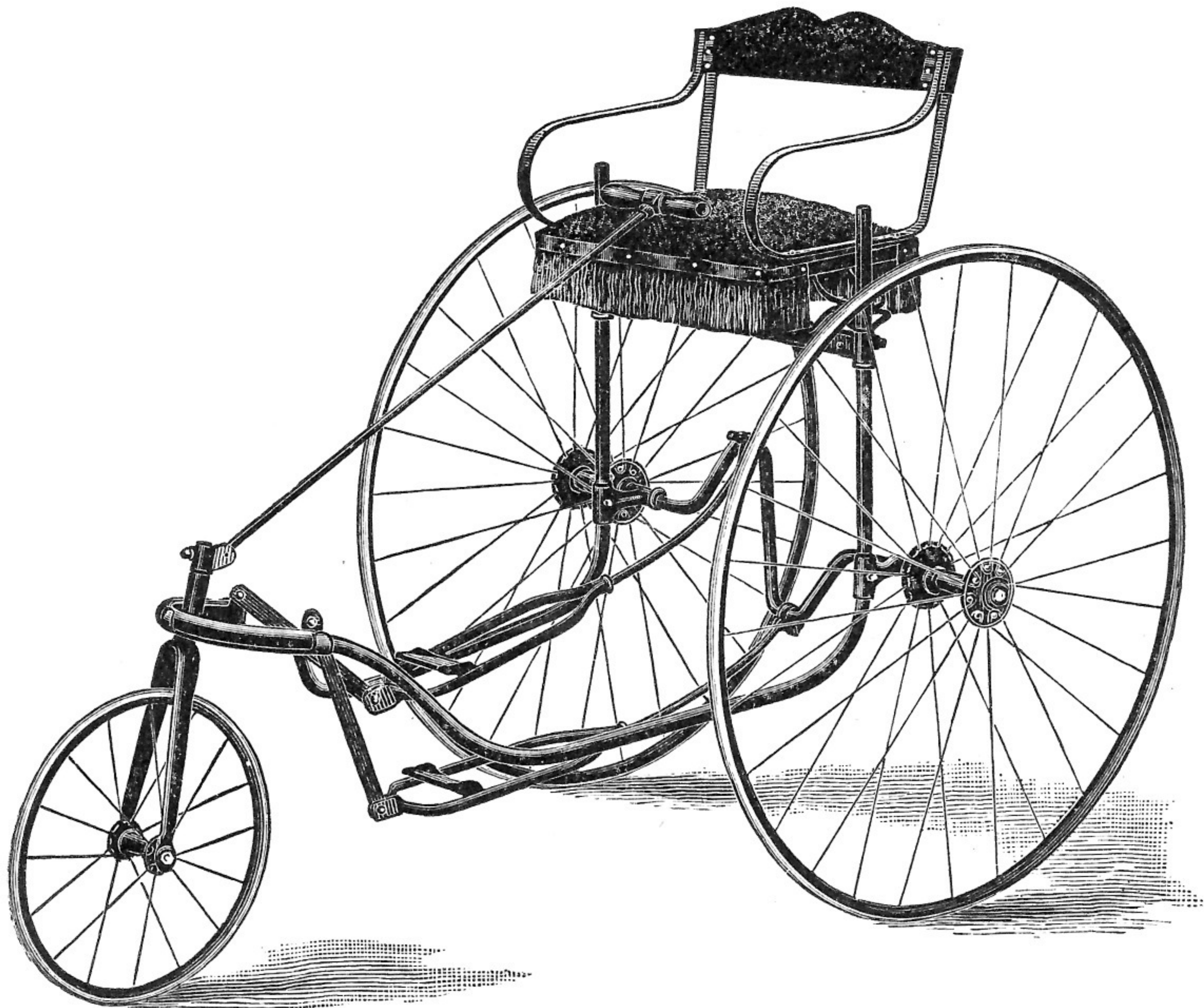
ENVOY.

This wheel, while of the same general appearance as the ENVOY SCORCHER (fitted with mud guards and brake), is built of heavier material, and is designed to meet the requirements of those riders who use a bicycle in their business and in all kinds of weather, or whose weight renders a heavier wheel necessary. Our ENVOY is made in three sizes, 26, 28 and 30-inch wheels front and rear, and the same quality of material is used throughout upon all sizes. The weight given below is for the 28-inch ; others are proportionately greater or less, as the case may be. Mud guards may be detached and the wheels ridden stripped for scorching purposes, if so desired. We invite your special attention to our clamping device used for securing brake lever to handle bar, and which may be entirely removed from bar so that when stripping, the handle bar is left smooth and clean. The unsightly brazed lug rendered necessary heretofore has been dispensed with in the adoption of this improvement.

BRIEF.

WHEELS,	. .	26, 28 or 30-inch front and rear.
RIMS,	. .	Steel, ENAMELED, or WOOD upon special order.
TIRES,	. .	Morgan & Wright pneumatics.
SPOKES,	. .	Double Butt, Swaged, NICKELED. ROLLED THREAD, Brass Nipples, NICKELED.
WHEEL BASE,		43½ inches for 28-inch size. Others proportionate.
GEAR,	. .	52 to 63 inches, according to size of wheels. Higher or lower if desired.
CHAIN,	. .	1-inch pitch, ⅜-inch wide, HARDENED.
CRANKS,	. .	6 to 6½ inches.
PEDALS,	. .	Dust proof. Rubber or Rat Trap.
HEAD,	. .	8½ inches between centers.
BEARINGS,	. .	Dust proof and first class.
HANDLE BAR,		Dropped and curved. Cork-Rubber Grips.
FINISH,	. .	Black Enamel and Nickel Plate, both of finest quality.
WEIGHT,	. .	34 lbs. for 28-inch size. Others proportionate.

“GEM” TRICYCLE.



THE JUSTLY CELEBRATED “GEM” TRICYCLE FOR CHILDREN.

The Gem Tricycle is indeed a gem, and is the most perfect as well as most popular Tricycle on the market for children. It is recommended by physicians as the best machine of the kind for ladies and children of a delicate constitution.

This Tricycle in all its sizes is fitted with steel wire wheels of celebrated make, having grooved steel tire, to prevent the spokes from wearing loose and rattling, and can also be furnished with wheels having rubber tire, when so ordered. A *Steel Fork*, *Shouldered Steel Axle*, *Adjustable Spring Seat* (to suit various ages), and *handsome plush upholstery* in a variety of colors, constitute many of the substantial and beautiful points of this Tricycle.

We give our patrons the benefit of our many years' experience in this line, which has taught us where the weaker parts existed, and by providing a remedy in each case we have made *our Tricycle* now the most durable on the market, and, consequently, the cheapest to buy, there being no expensive repairs to be made from time to time and thereby increasing its cost.

PRICE-LIST OF GEM TRICYCLES.

STEEL TIRES — GROOVED.

No. 0—	Our Baby,	20-inch rear wheels,	. . . . .	\$10.00
“ 1—	For 4 to 7 years,	20-inch rear wheels,	. . . . .	10.00
“ 2—	“ 7 to 11	“ 24 “ “ “	. . . . .	12.00
“ 3—	“ 11 to 14	“ 28 “ “ “	. . . . .	14.00
“ 4—	“ 14 to 18	“ 32 “ “ “	. . . . .	18.00

WITH RUBBER TIRES.

No. 00—	Our Baby,	20-inch rear wheels,	. . . . .	\$17.00
“ 7—	For 4 to 7 years,	20-inch rear wheels,	. . . . .	17.00
“ 8—	“ 7 to 11	“ 24 “ “ “	. . . . .	19.00
“ 9—	“ 11 to 14	“ 28 “ “ “	21.00
“ 10—	“ 14 to 18	“ 32 “ “ “	27.00

ENAMELING.

Enameling Tricycle, extra, <i>net</i> ,	\$3.00
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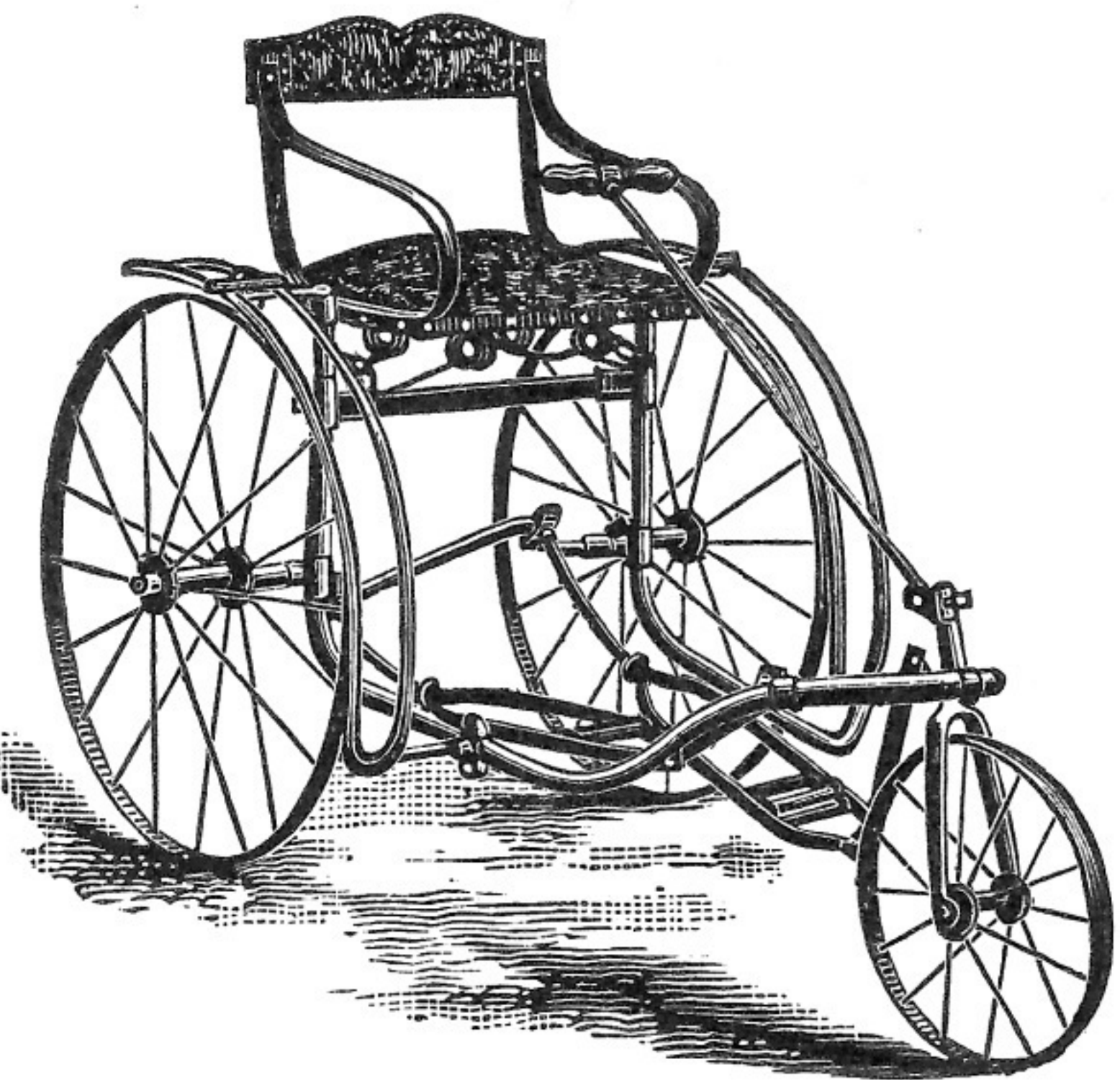
FENDERS OR DRESS GUARDS,

Which can also be Furnished Closed to Guard Against Mud Splashes.

For smaller size (extra, per pair),	. . . . .	\$2.50
For Nos. 4 and 10 (extra, per pair),	. . . . .	3.00

Subject to Regular Discount.

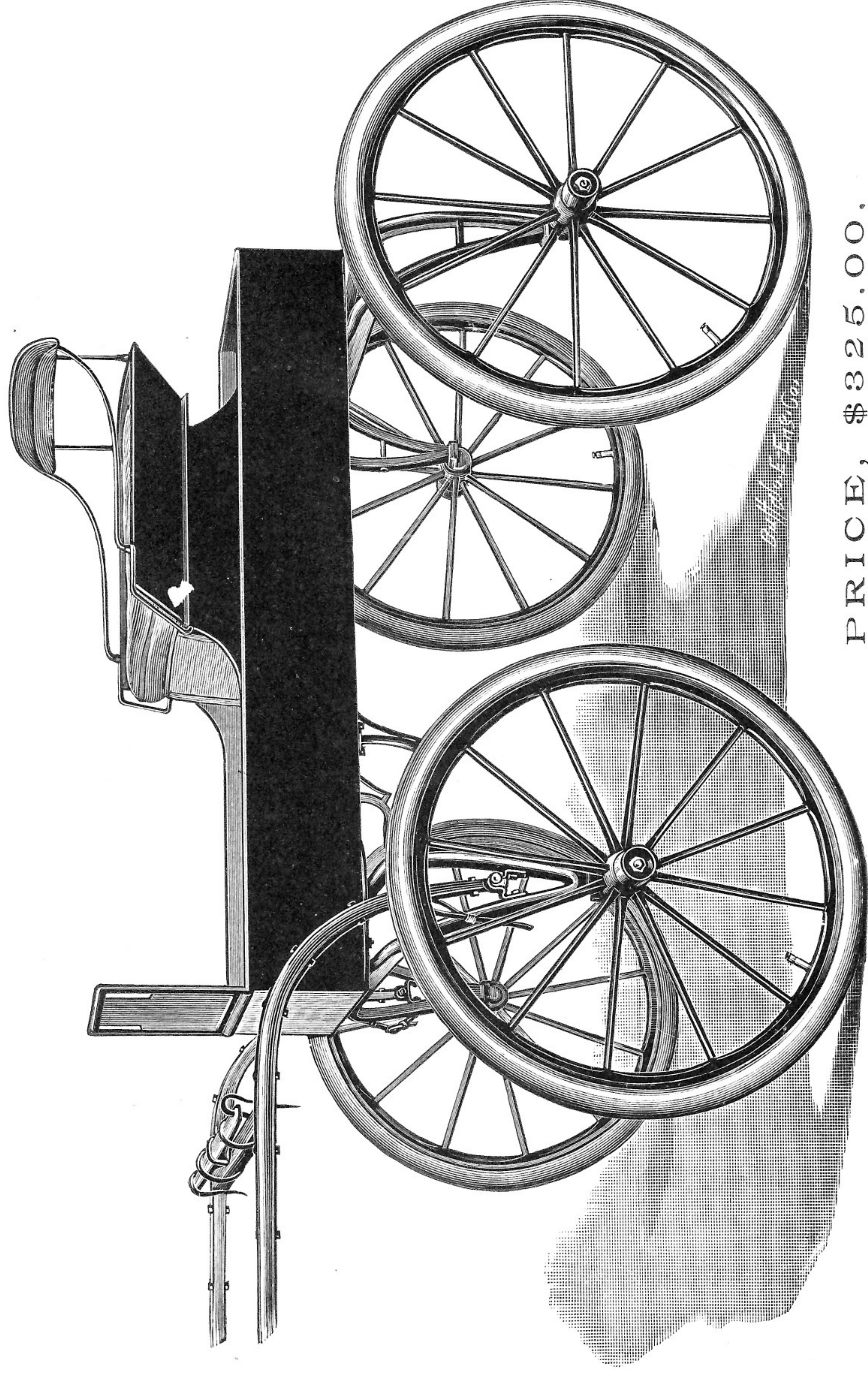
Nickel-Plate Trimmings (Extra, Net), 50 cents.



SHIPPING SUGGESTIONS.

As the weight of three Tricycles (especially the smaller ones) will be but a trifle over one hundred pounds, the freight charges would be very little more on three machines than on one. You will, therefore, see that it is to your advantage to order more than one Tricycle at a time whenever possible, to effect a saving in transportation, also in crating, as we assume entire expense of crating when order is for more than one machine in each shipment, and when only one is ordered there will be an additional charge of 25 cents for crating.

“PERREN-ATHERTON” PNEUMATIC TIRED ROAD WAGON.



PRICE, \$325.00.

“PERREN-ATHERTON” ROAD WAGON.

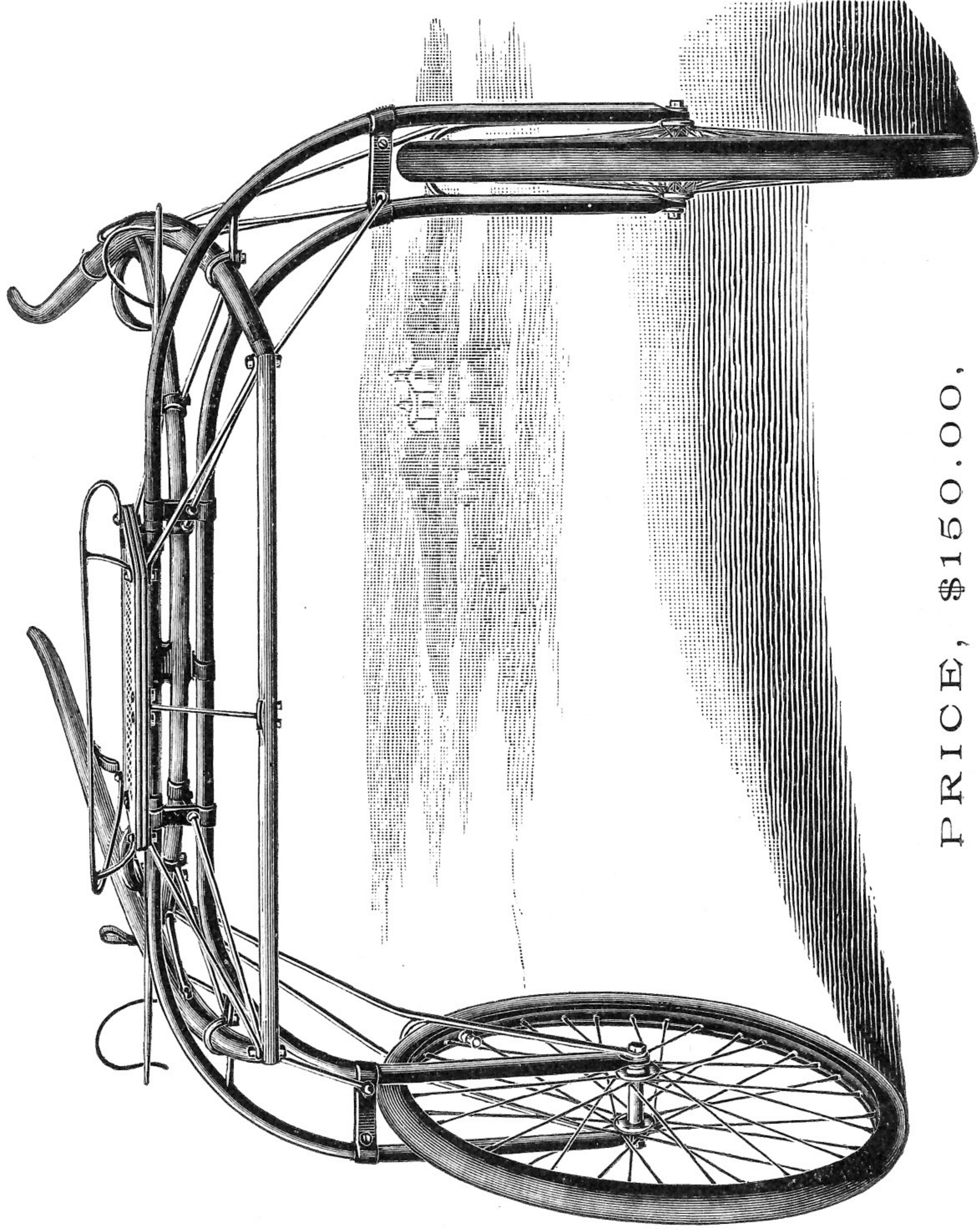
We desire you to know that in our “Perren-Atherton” Road Wagon we have produced the lightest and best road wagon now known. This wagon is the invention of our Mr. Atherton and Mr. A. E. Perren (of the Perren Carriage Co.), whose combined efforts have produced the wagon of which cut appears on opposite page, which has been tested and driven by many of the prominent horsemen in Buffalo, New York and Boston, and is pronounced an unqualified success. The wagon is, as will be seen by the illustration, simply the box of a light road wagon mounted upon special gearing of Mr. Perren’s invention. The other prime features of this are the axles which are ball bearing and fitted with pneumatic tired wheels and which are different from any others yet produced, and are perfect in every particular, and the only ball-bearing axles which can be used on a road wagon satisfactorily, as they can be put in any hub over $1\frac{3}{4}$ inches in diameter. These are the invention of Mr. F. C. Atherton (of the Buffalo Tricycle Co.), and are pronounced by mechanics and horsemen to be superior to anything seen elsewhere. By their use no outside braces are required, which does away with the reach. It is the only invention taking into consideration ball-bearing axles, pneumatic tire, arch-axle, without side bar or reach, that has so far been presented to the public in a practical way.

It weighs only 75 lbs. (20 lbs. less than the high wheel road wagon), and the draught is incomparably lighter and relieves the jar and concussion to both driver and horse. It follows the latter around the turns without any sluing or extra friction — qualities which make it the ideal vehicle for road and track. Repeated trials have conclusively shown that it is not over two seconds slower than a first-class pneumatic sulky.

The axles and wheels, as shown in our cut, with their special construction, are the invention of our Mr. Atherton, and are made entirely by this company. The balance of the wagon is invented and constructed by Mr. A. E. Perren, whose firm is known world-wide as producers of high-grade, first-class carriages, and is a sufficient guarantee for the perfection of the work.

These wagons are supplied with either wire wheels or wooden, as may be preferred, — front wheels 28 inches in diameter, back wheels 30 inches, — and can be supplied with cushion or pneumatic tires, as may be preferred.

“ATHERTON’S” IMPROVED “BIKE” SULKY.



PRICE, \$150.00.

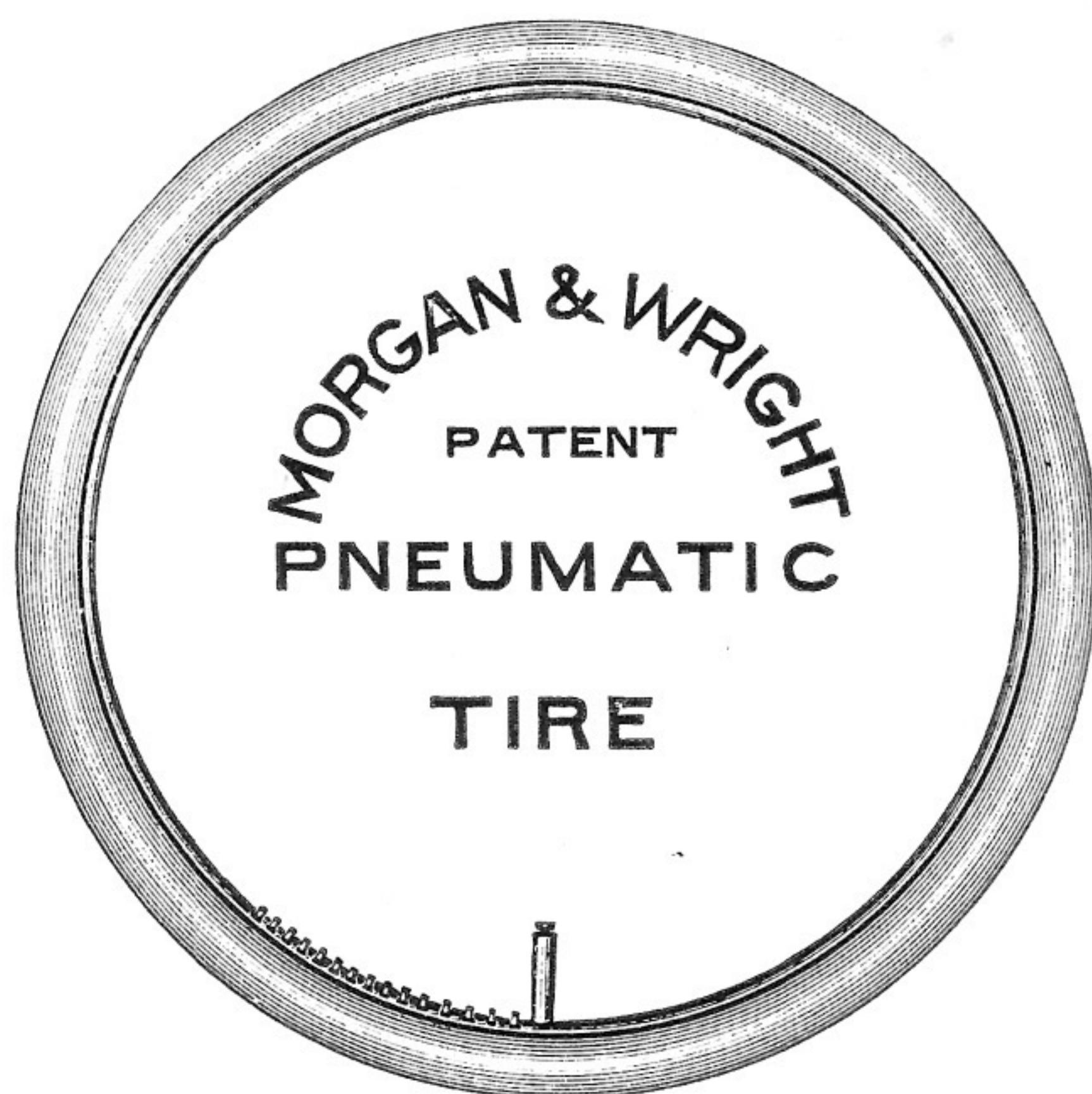
“ATHERTON” SULKY.

After two years' experience and experiments by ourselves we have produced the present pneumatic track sulky, which has received the commendation of many prominent horsemen and drivers of our locality. We are satisfied that our sulky embraces all the requirements of a first-class sulky, being of best second growth ash and hickory, finest quality steel tube, steel braces, and Norway iron fittings, properly balanced, and construction of parts by the most experienced workmen. All joints are lapped entirely around the steel tubing and riveted before brazing, making it impossible to loosen any of the joints by the most severe usage. The steel tubing is reinforced or double under seat, where it is subjected to the greatest strain, keeping it firm and rigid and the wheels always in perfect line.

The system of bracing is simplified by our special construction, which gives greater strength with rigidity than heretofore attained. We have furnished thousands of steel and wooden wheels to many of the prominent drivers and horsemen of this country, all of which have given unqualified satisfaction. These sulkies are fitted with the best of steel or wooden wheels that mechanical art can produce. We also make a specialty of furnishing cushion tires for jogging and exercising carts that are more durable and give less trouble than pneumatic wheels. These can be fitted to the regular sulky and changed in a few minutes from pneumatic to cushion tires, and *vice versa*. We also have special attachments to attach either style of wheel to the ordinary high wheel sulky or road cart, which can be applied by any one without the aid of a blacksmith, or any extra braces.

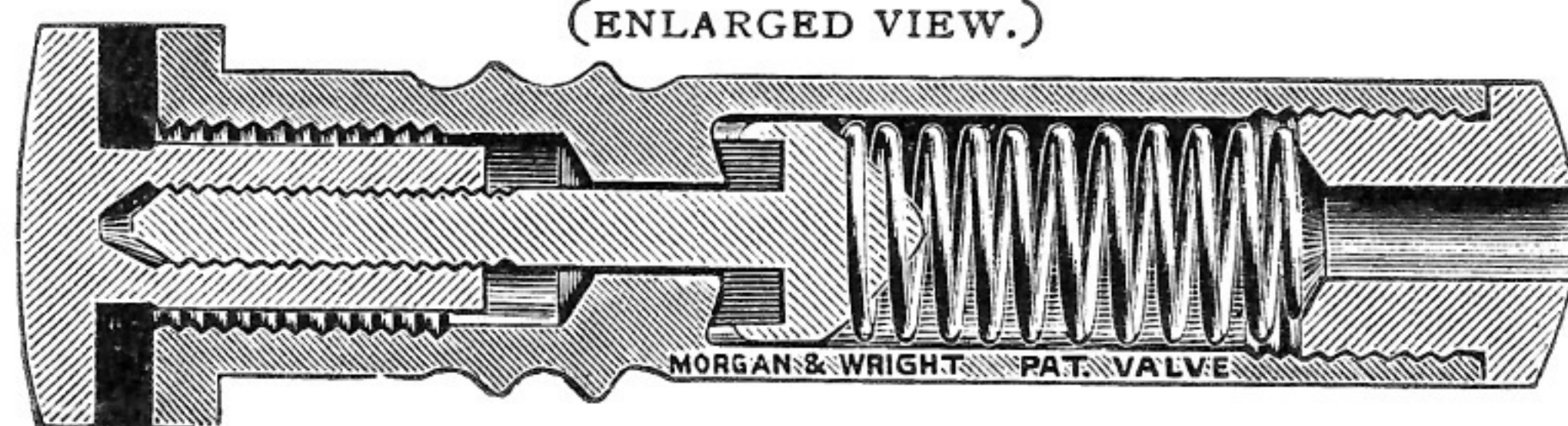
Our work is all guaranteed to be the best that perfect material and mechanical art can produce. Our ball bearings are excelled by none, and we are satisfied that if you give any of our braces or sulkies a trial you will be more than satisfied.

The price of sulkies complete with cushion or pneumatic tired wheels is \$150.00. **Attachments** for putting pneumatic or cushion tired wheels upon the old style high-wheel sulkies, \$20.00.

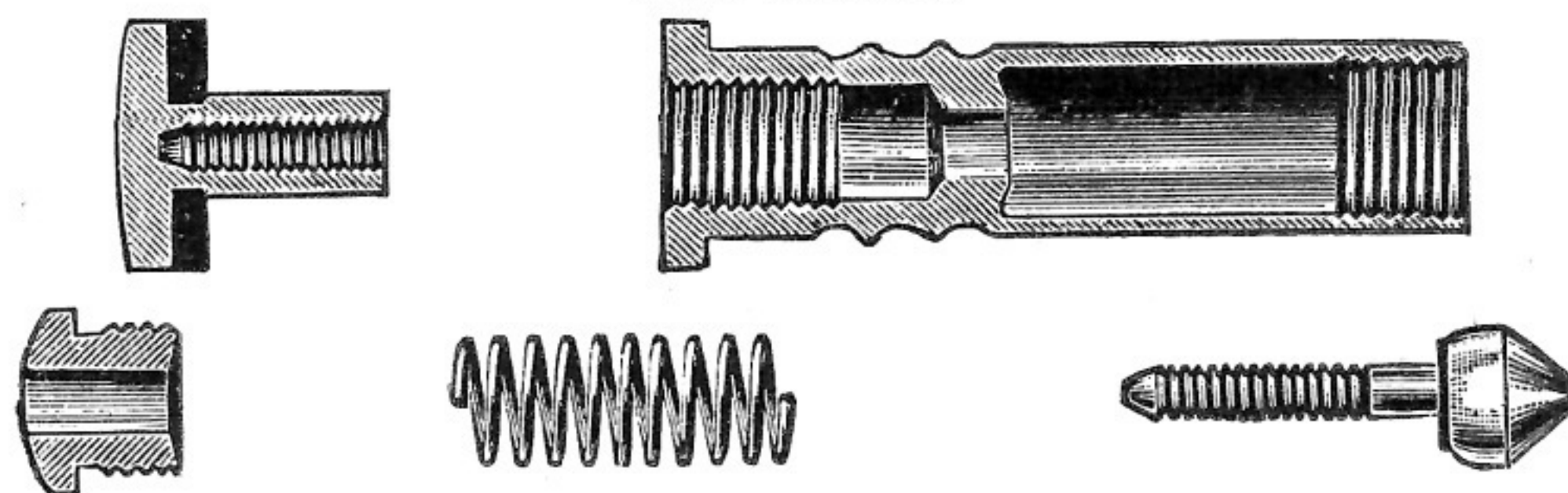


VALVE.

(ENLARGED VIEW.)



DETAIL.



MORGAN & WRIGHT TIRE GUARANTEE.

This tire is guaranteed by the makers in the only way which really serves the rider's interest, and the terms of the guarantee given below should be carefully considered. This is no blanket guarantee thrown out as a sop to attract attention, but is the same as we have given during the past three years, and which has given such universal satisfaction.

GUARANTEE FOR 1894.

We shall continue in 1894 our custom of repairing all tires of our manufacture free of charge.

We shall replace defective parts **when, in our judgment**, the defect is from our fault.

In no case will we replace when worn out in service or injured by accident.

Make your request direct to us, and NOT THROUGH THE MAKERS OF YOUR WHEEL.

Express charges on tires must be **prepaid in every instance**. If return by mail is desired, postage at the rate of one cent per ounce must come with request for repairs.

Do not send the wheel with the tire.

See that every package sent has **your address securely fastened to package**.

Before sending to us kindly attempt the repair yourself, so that our efforts may be directed to assist those really in need.

It is a good idea for riders to buy an extra inner tube, complete with valve, and keep same ready for use. The small expense will save delay and insure many a pleasant day's sport.

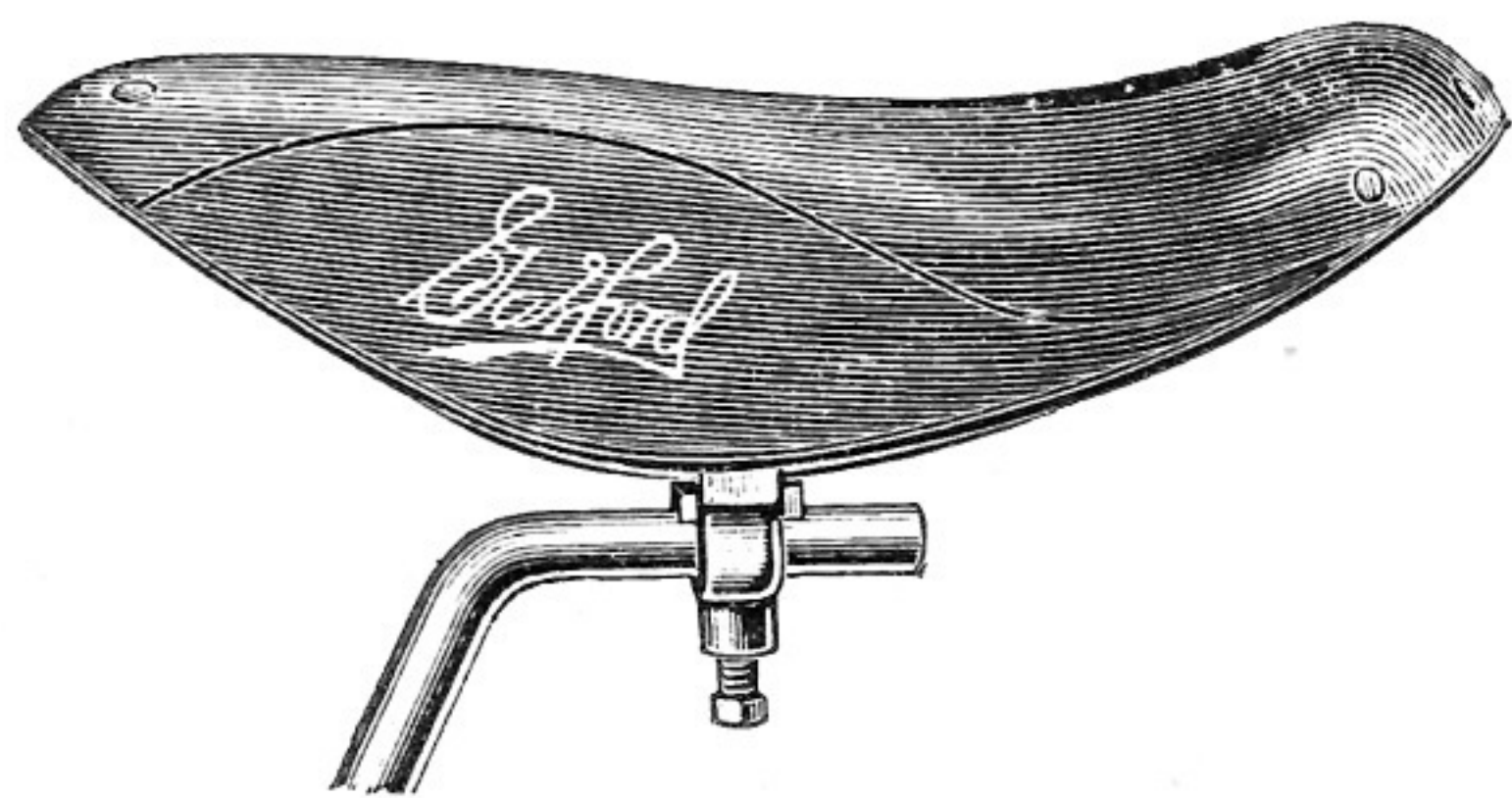
Any Pneumatic Tire ever made, or to be made, will some time need repairs, and will ultimately wear out in service. Don't forget this when reading advertisements.

All genuine Morgan & Wright tires have the firm name and the patent dates in raised letters on the side; all others are imitations or infringements, and the public is **warned** against them.

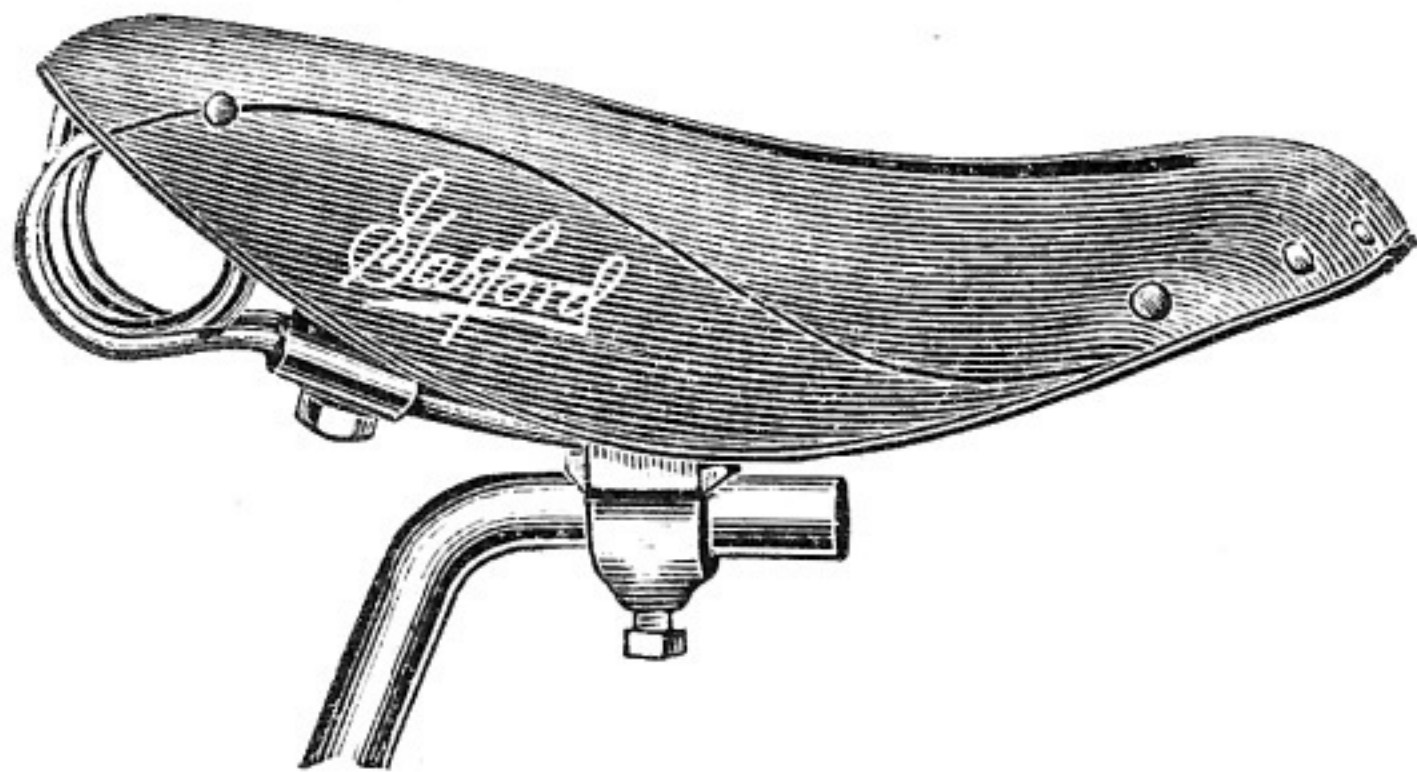
The Morgan & Wright tires are made upon honor, of the very best materials obtainable in the world. They have proved during the past three years to be far the most durable tires ever produced, and have to their credit more hard-fought road records and extraordinarily long rides than all other makes put together. During the past season, one rider has covered over 10,000 miles, another 8,900 miles, another 6,000 miles, only one pair of tires being used in each case and the 6,000 miles being accomplished by a rider weighing 179 pounds, using a 27-pound wheel, fitted with Morgan & Wright road racing tires.

MORGAN & WRIGHT, Chicago, Ill.

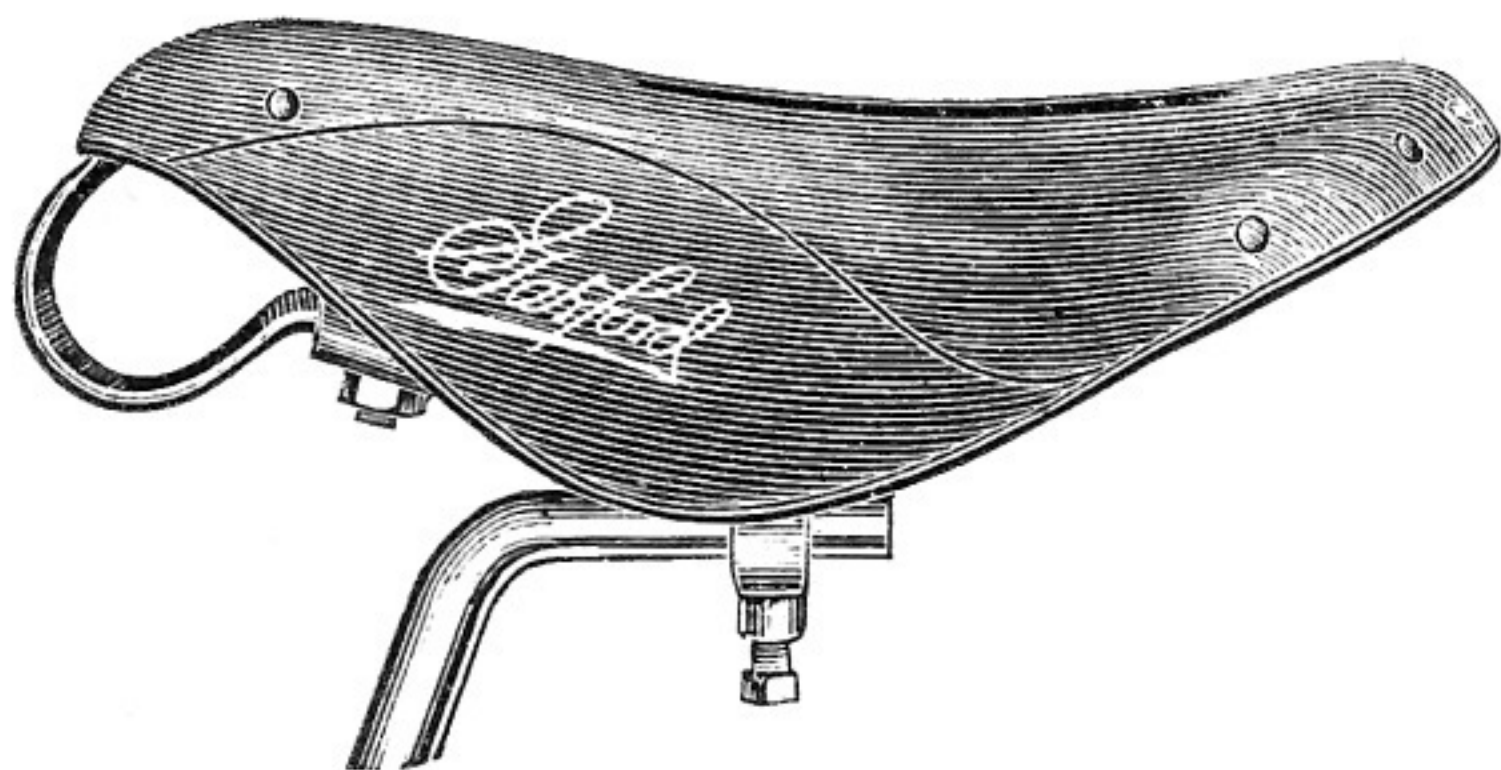
GARFORD SADDLES,
1894 PATTERN.



STYLE M.—SEMI-ROADSTER.
Price, \$5.00.



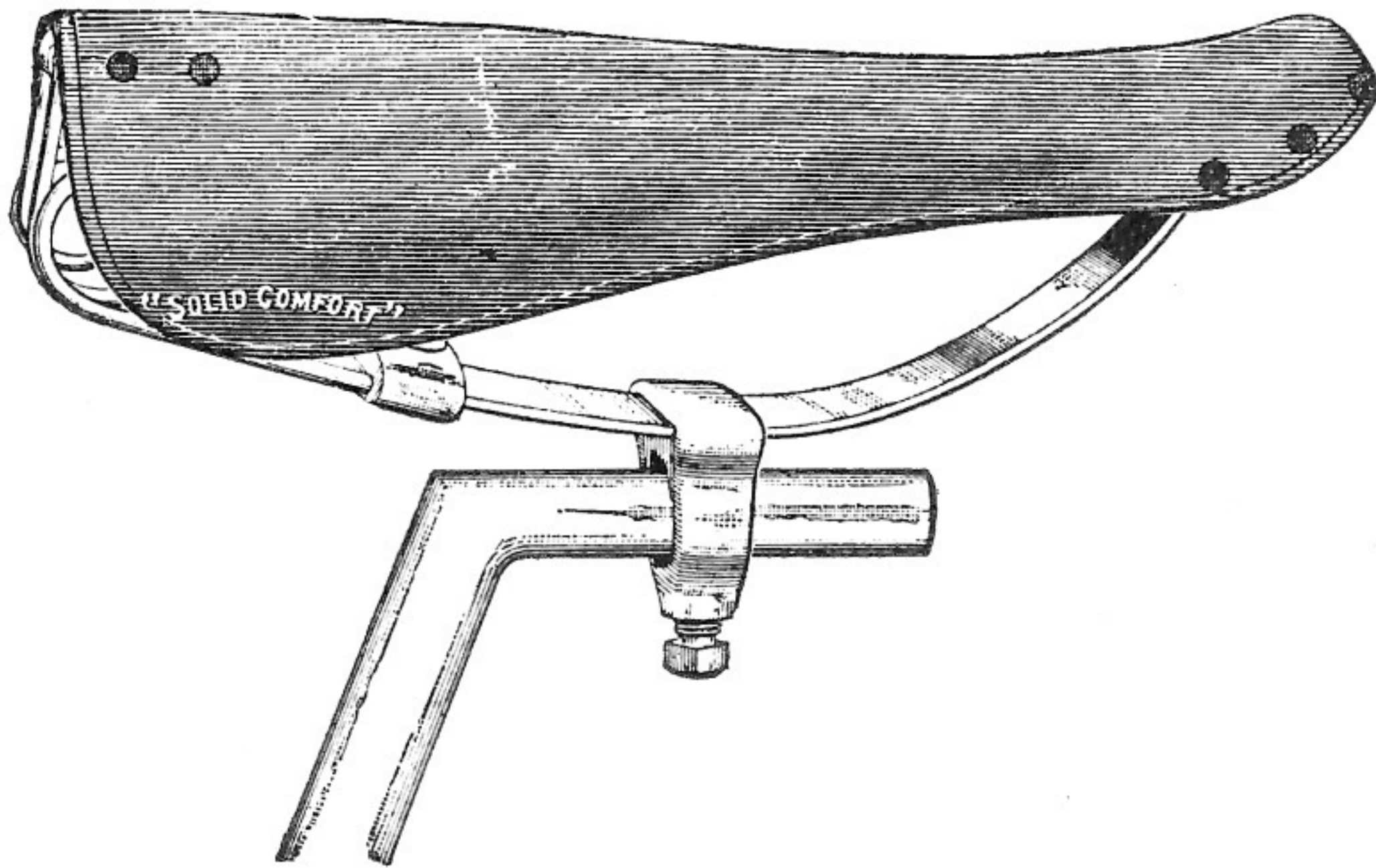
STYLE E 4.—YOUTHS.
Price, \$4.50.



STYLE E 3.—LADIES.
Price, \$6.00.

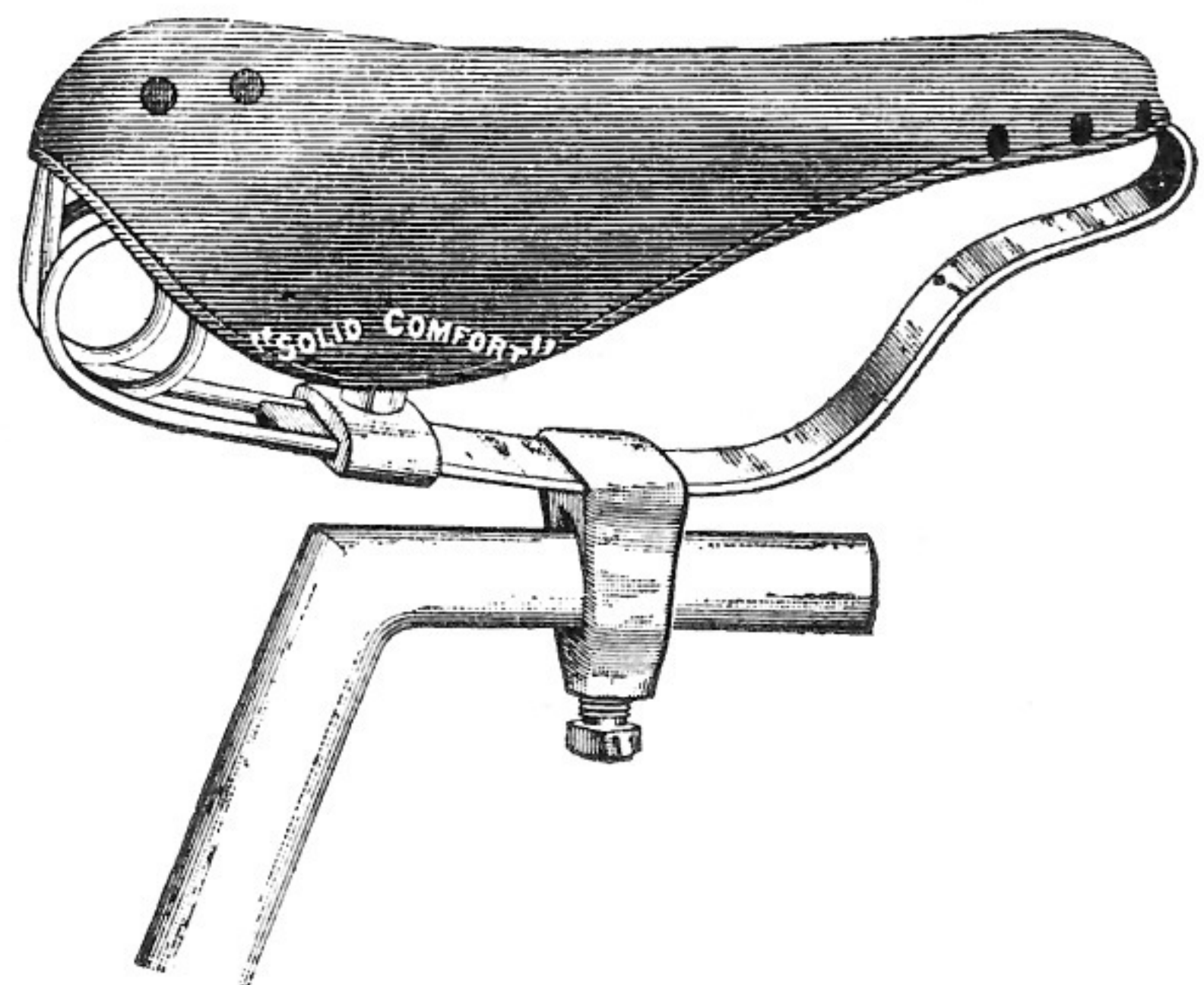
20 STYLES TO SELECT FROM.

SOLID COMFORT SADDLES.

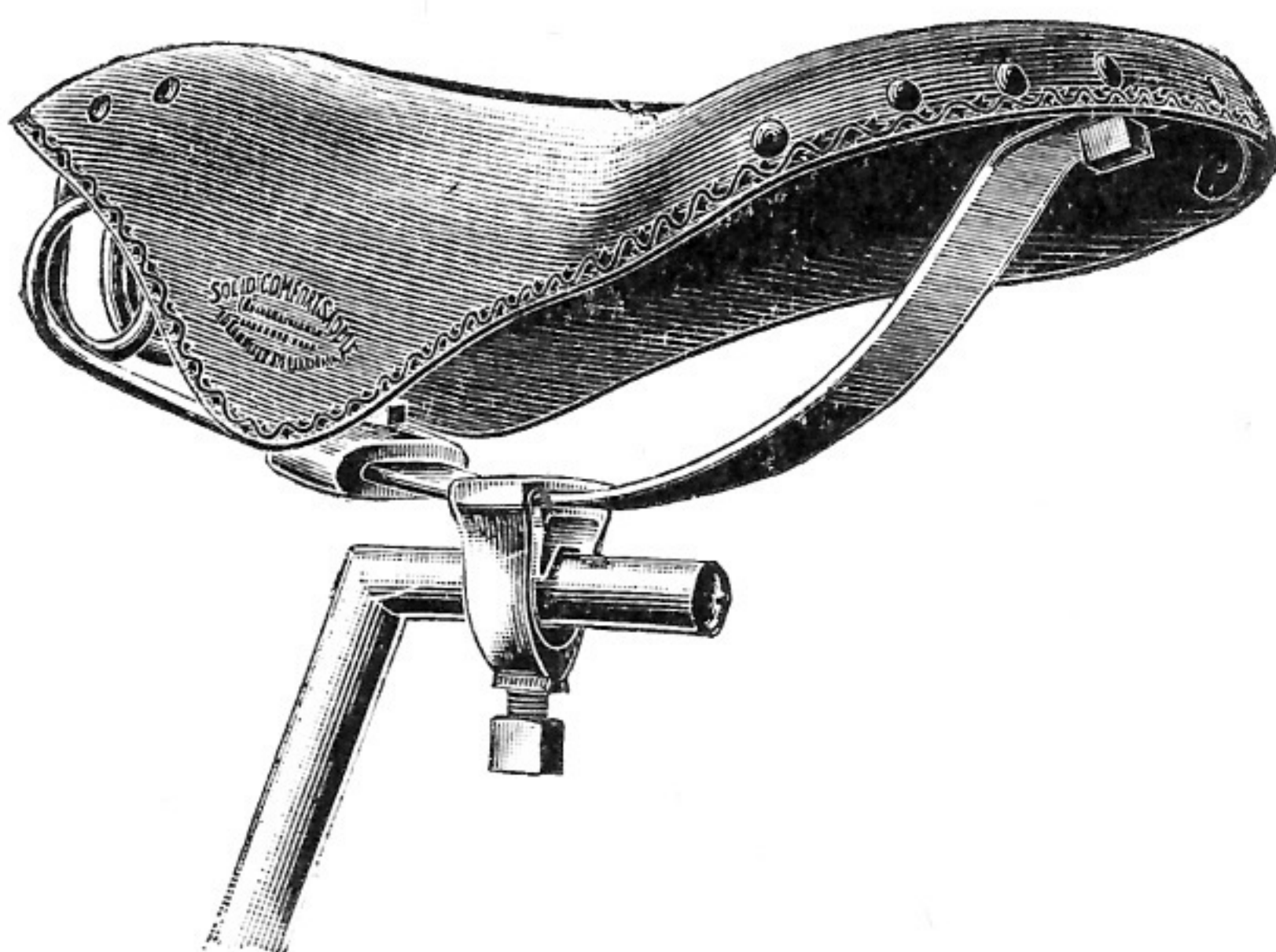


MODEL B.
THE SCORCHERS.

Price, \$6.00.

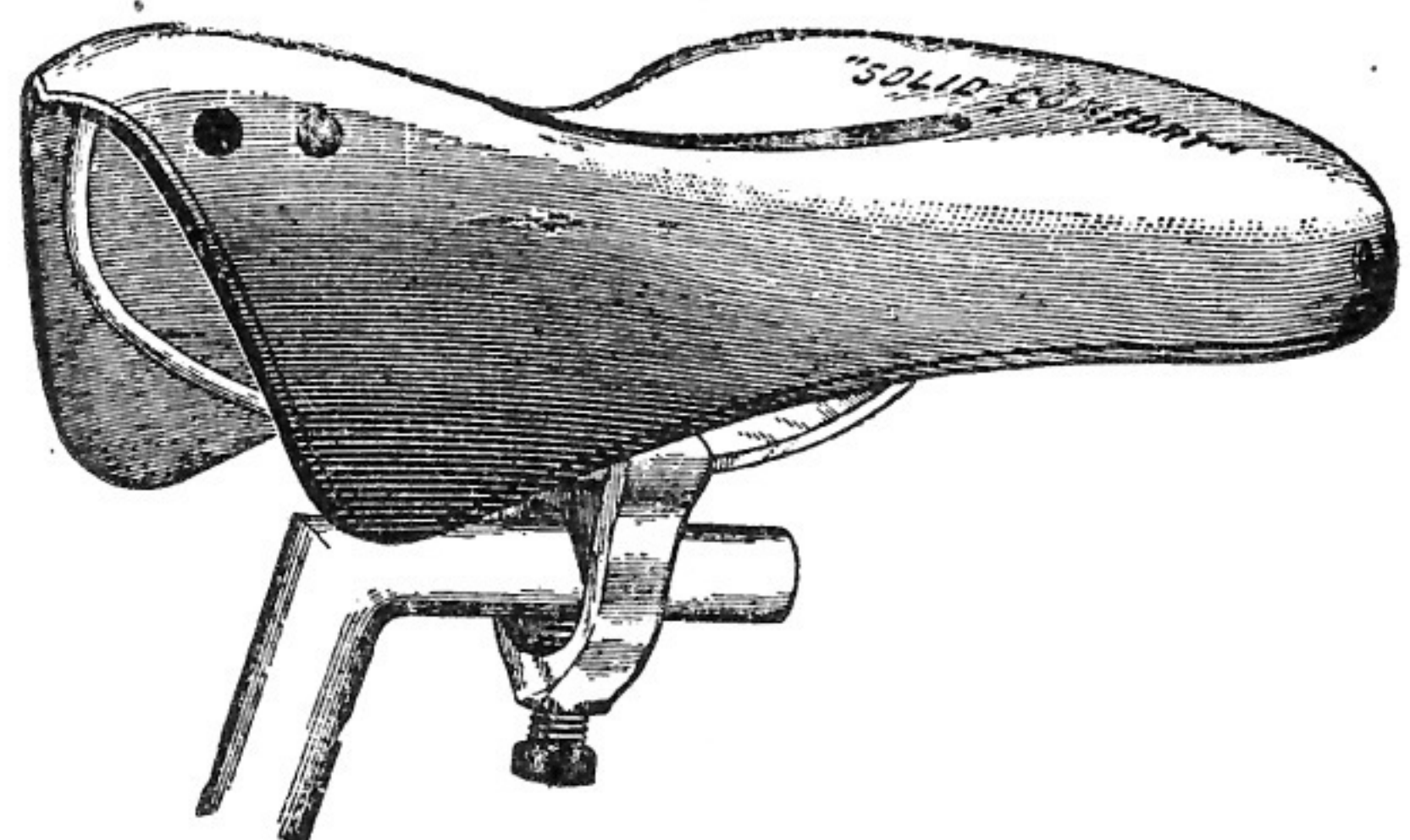


MODEL D.—THE LADIES.
Price, \$6.00.

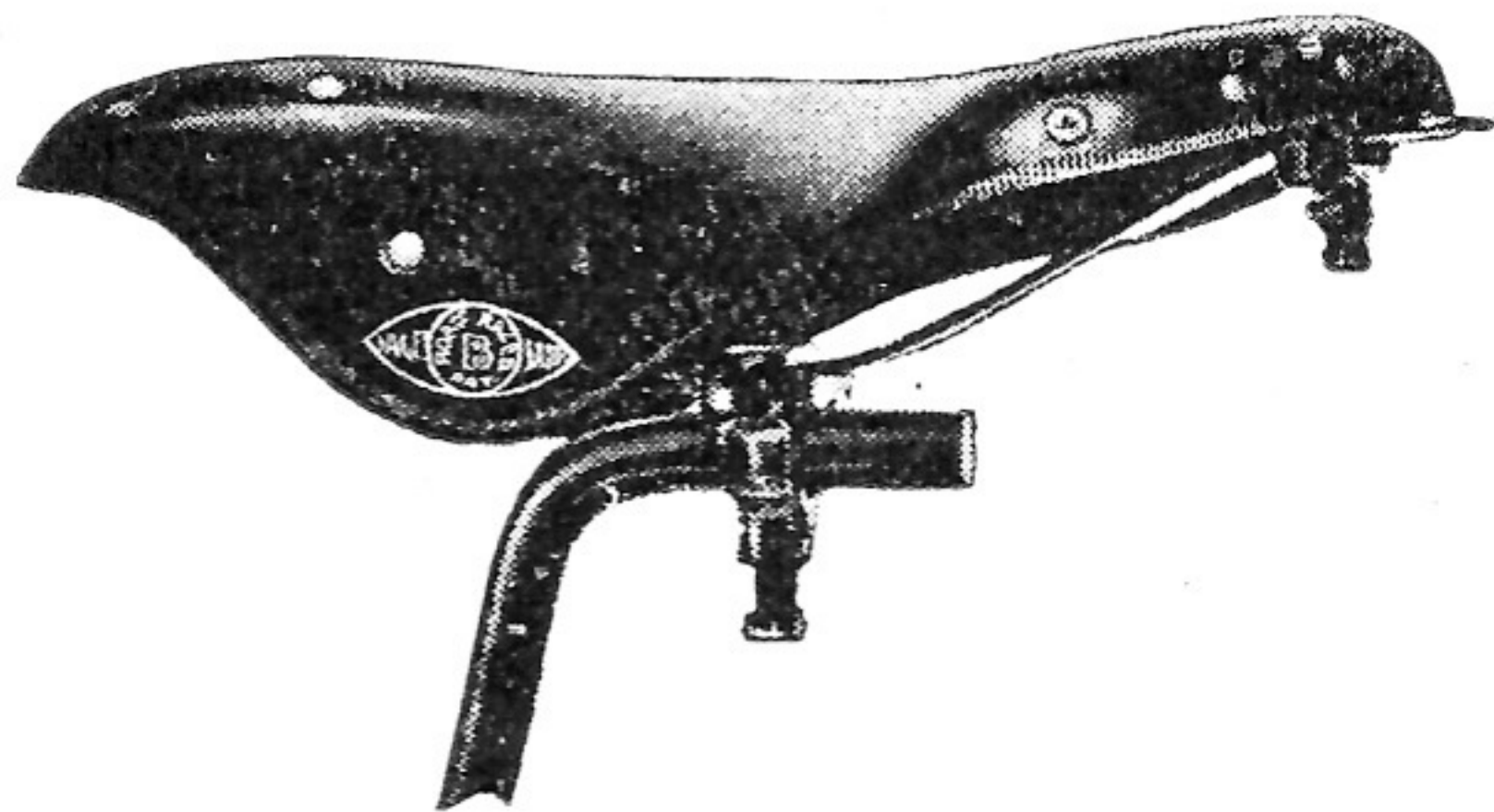


MODEL G.
THE ROADSTER.
Price, \$6.00.

MODEL H.—SEMI-RACER.
Price, \$5.00.

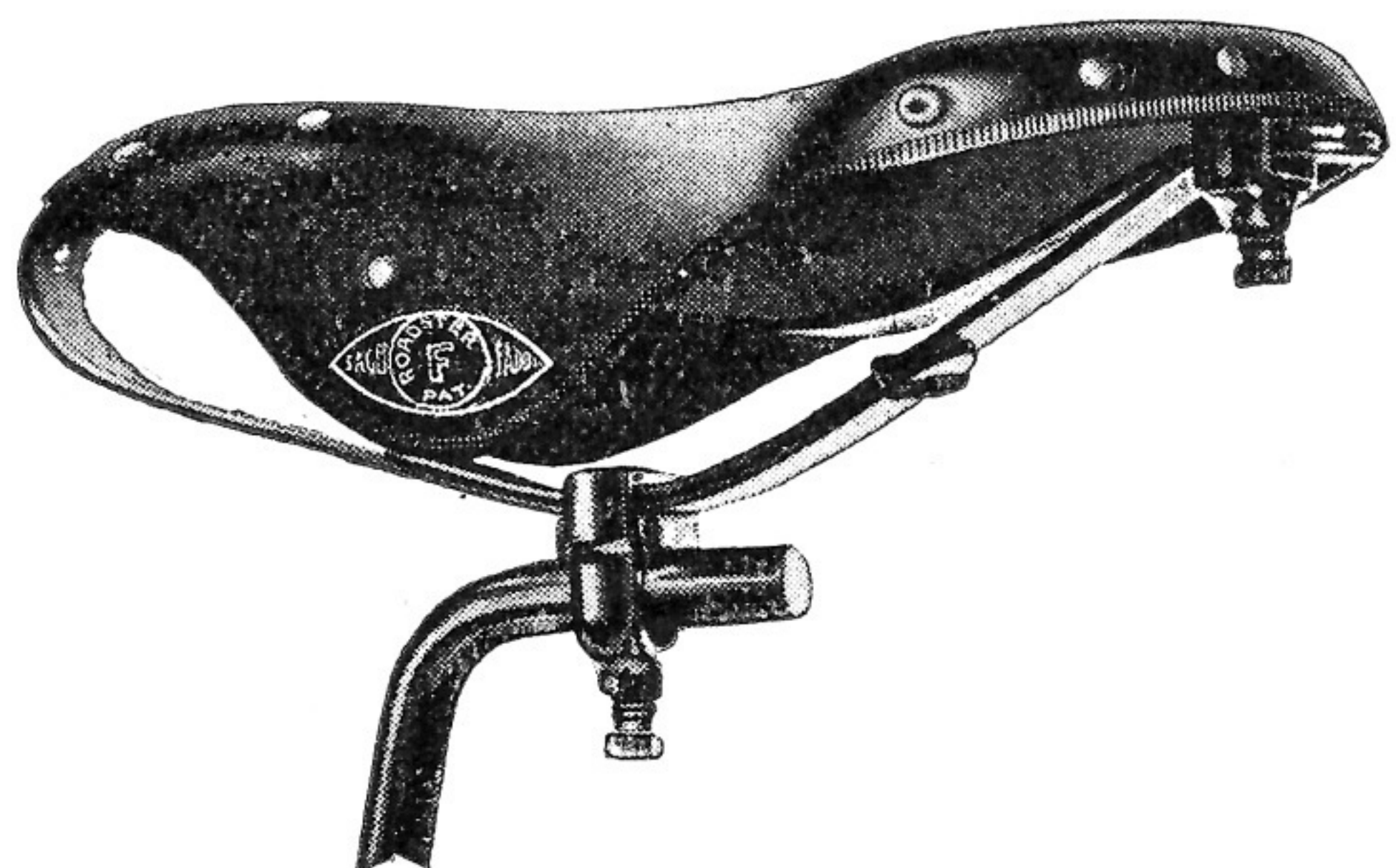


SAGER SADDLES, NEW DESIGNS.



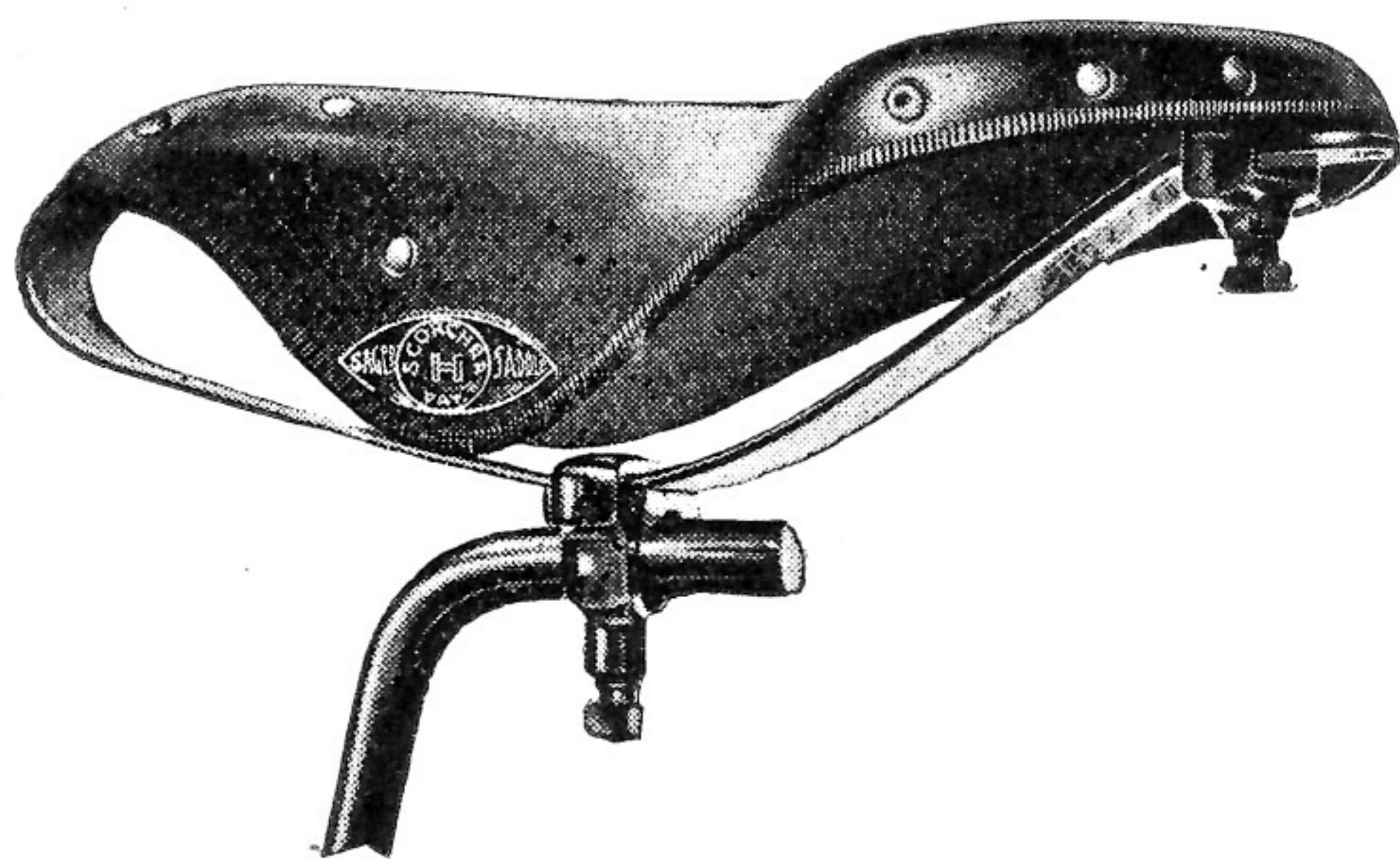
STYLE B.—YOUTHS.

Price, \$5.00.



STYLE F.
ROADSTER.

Price, \$6.00.

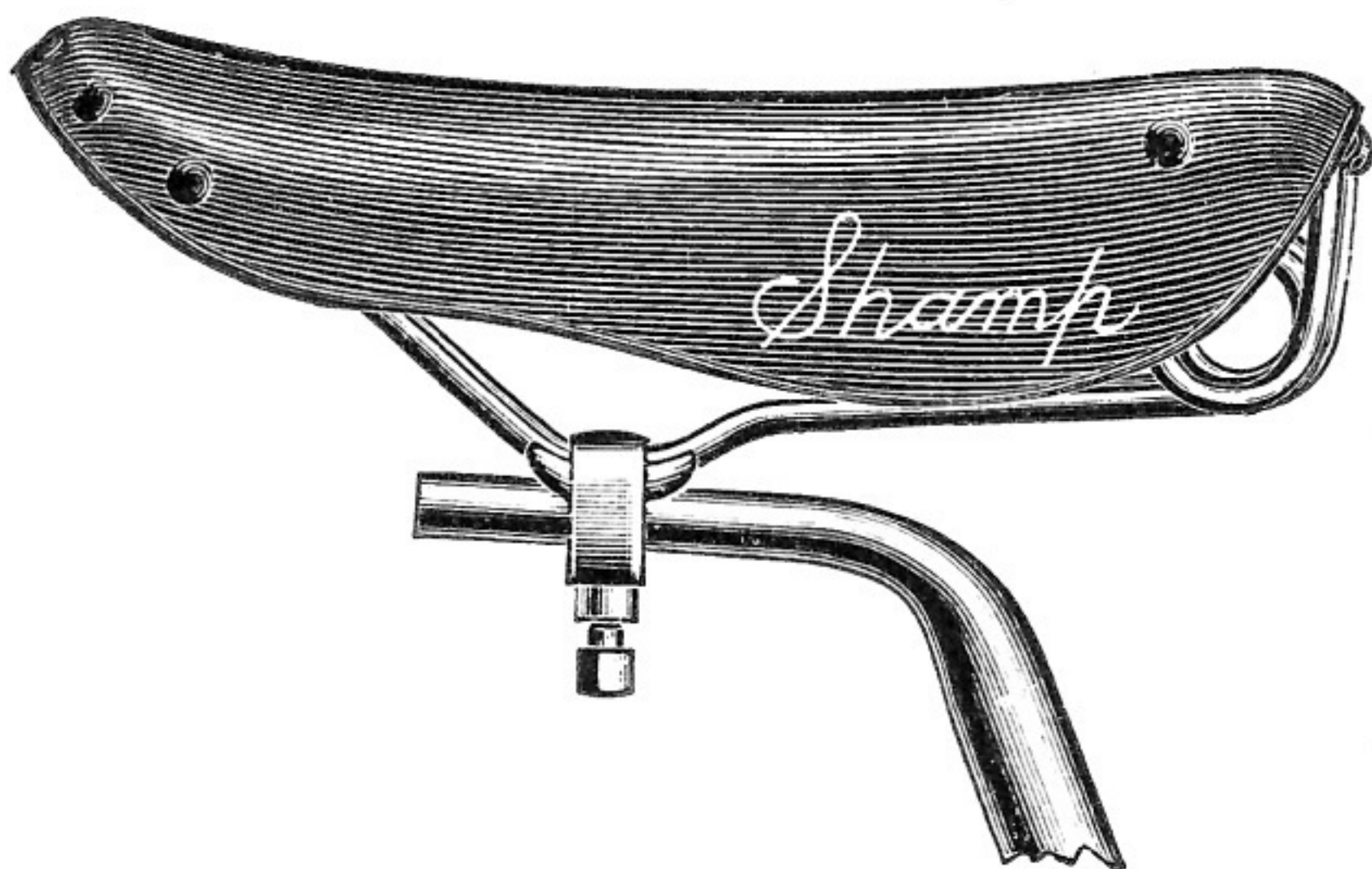


STYLE H.
SCORCHER.

Price, \$6.00.

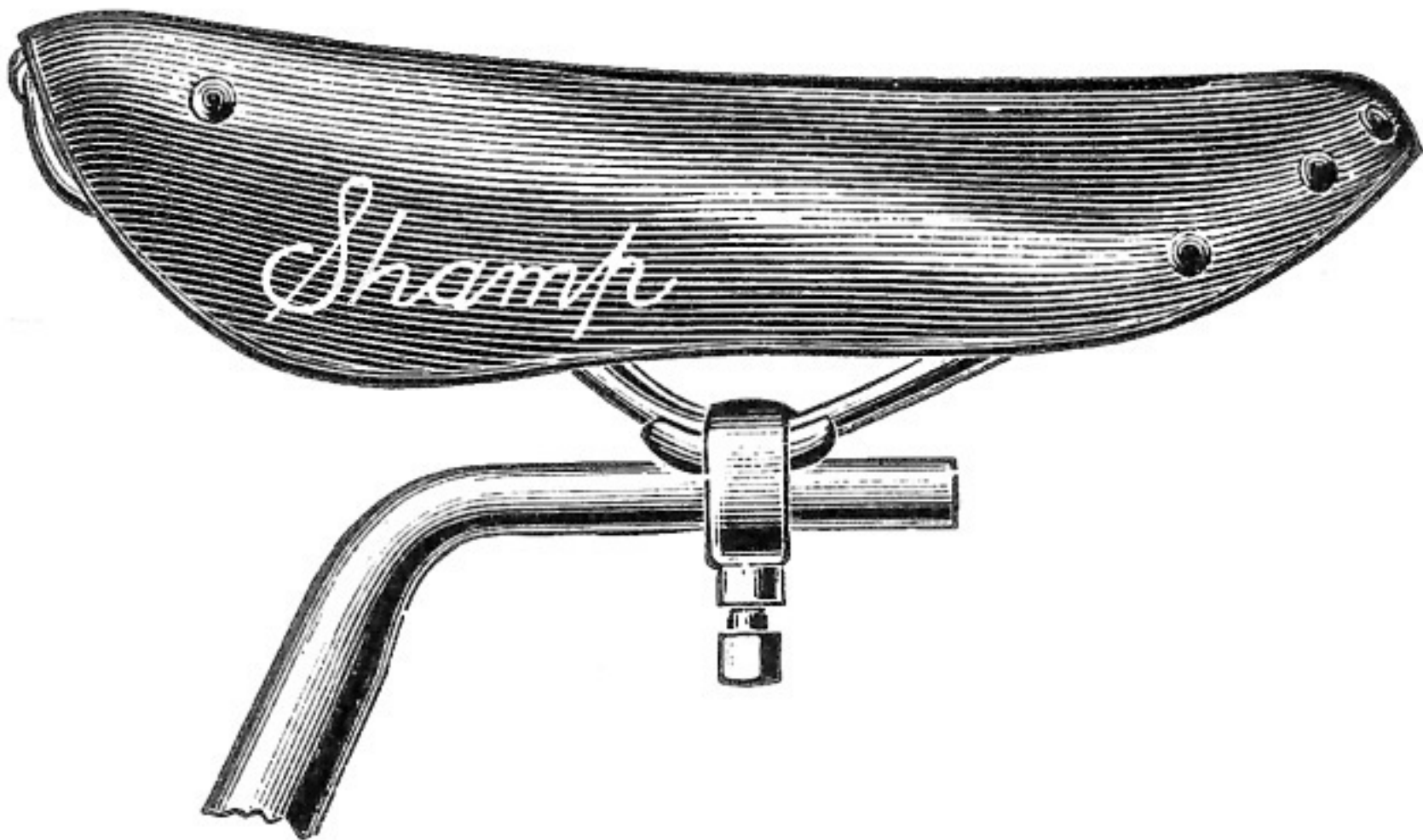
MANY OTHER STYLES TO
SELECT FROM.

SHAMP SADDLES.



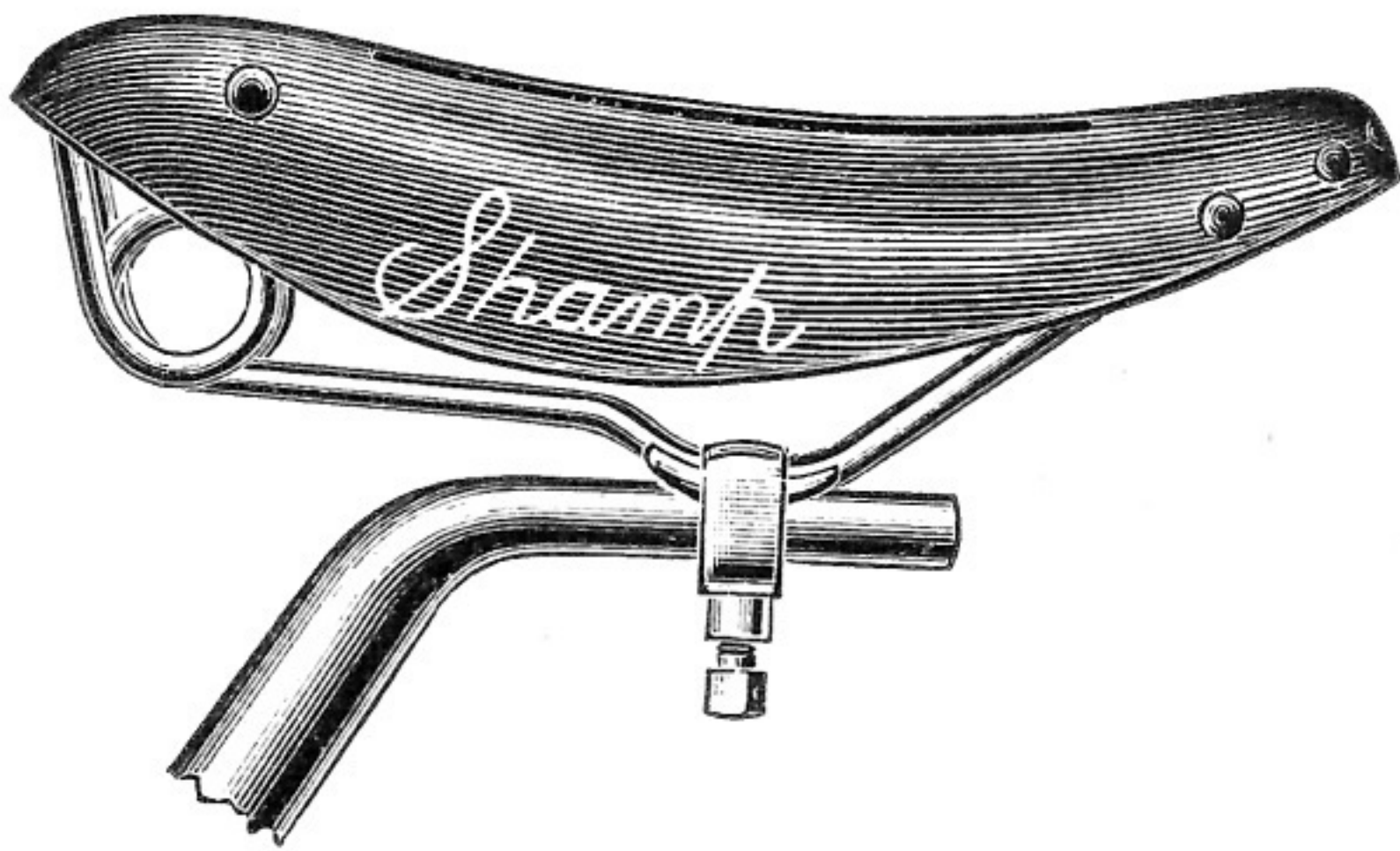
ROADSTER.

Price, \$6.00.



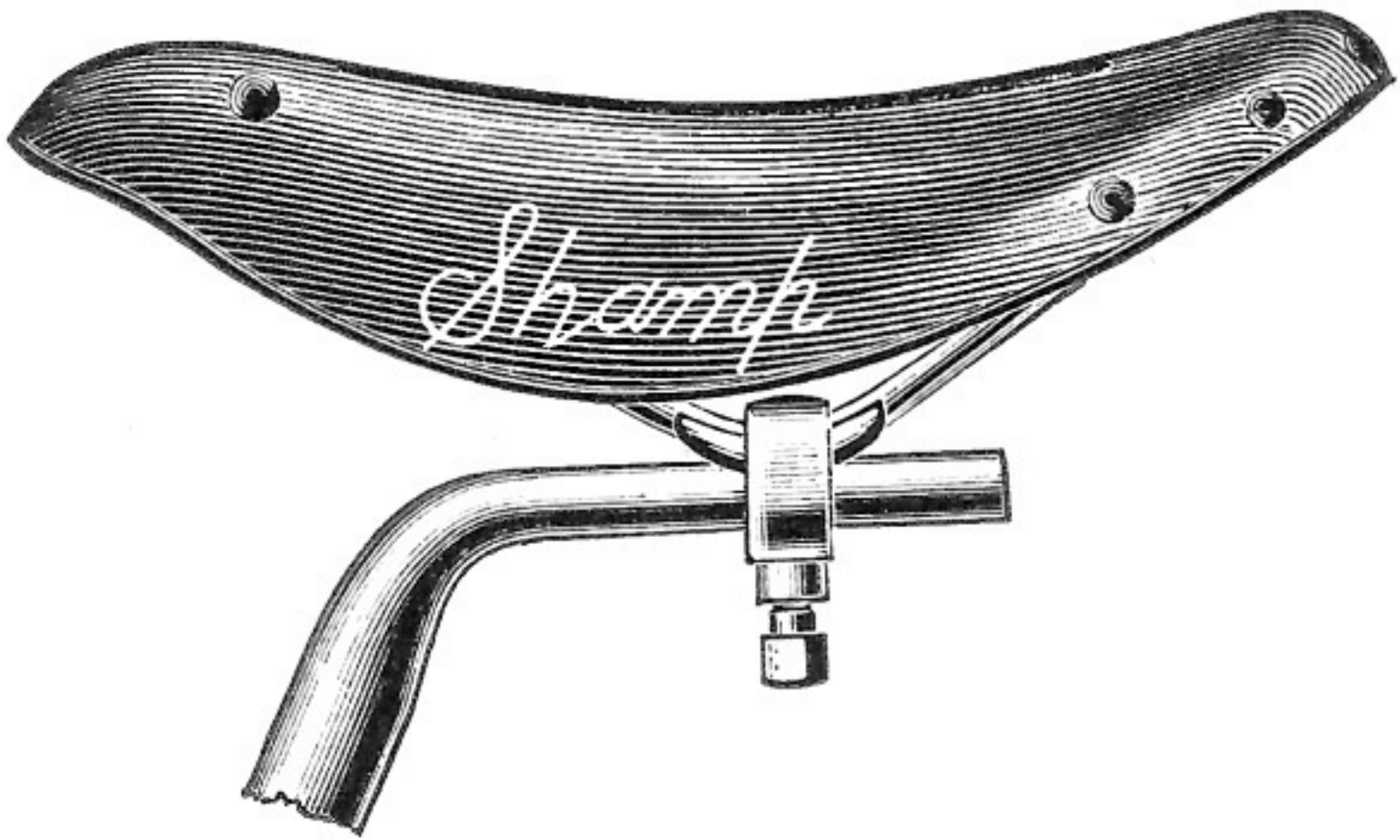
SCORCHER.

Price, \$6.00.



LADIES.

Price, \$6.00.



RACING.

Price, \$6.00.

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Posted:
May 2021

Posted by:
Brian D. Szafranski
Elma NY USA

Please do not reprint
this document for
commercial gain.
Persian flaws
have been added to
prevent reprinting



AN ENVOY, 1893 PATTERN, ON THE ROAD, CARRYING 300 POUNDS.